

July 4, 2019 Payload 2 Daily Flight Report



Date: 2019-07-04 Flight Campaign ID: 2019_P2C1 Airport, FBO ID, City: Deadhorse Airport (PASC) - Deadhorse, AK

Domain: 18 Sites Flown: None Days left in Domain: 23

Report Author: Cameron Chapman Flight Crew: Cameron Chapman, Ivana Vu Ground/GPS: Mark Solper Pilots: Stephen Brawders, Mark Solper Additional Personnel: None GPS Instruments: None

Flight Hours: 00:00 Hours until maintenance: 75.07

Summary

Low cumulus clouds persisted throughout the day at Toolik while overcast skies and rain showers dominated the sky in Barrow. No sites were flown.

Concerns None

Comments Happy Independence Day America!

Picture: L-R: Steven, Cameron, Ivana, & Mark celebrate the 4th of July with a few festive props!



Daily Coverage: N/A Cumulative Domain Coverage

BARR_P1

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 Flown: 0% (0/35) Get 0% (0/35) (0/(35) (0/(35) Remember 10% (0/35) Remember 10% (0/35) Remember 10% (0/35) BARR_P2 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 Flown: 0% (0/15) Get 0% (0/15)																				
Flown: 0% (0/35) Green: 0% (0/35) Green: 0% (0/35) Red: 0% (0/35) BARR_P2 36 37 37 38 39 40 41 42 43 44 45 46 47 48 49 50 Flown: 0% (0/15) Green: 0% (0/15) (ellow: 0% (0/15)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Green: 0% (0/35) Yellow: 0% (0/35) Red: 0% (0/35) BARR_P2 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 Flown: 0% (0/15) Green: 0% (0/15) Green: 0% (0/15) Green: 0% (0/15) Green: 0% (0/15)	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35					
Yellow: 0% (0/35) Red: 0% (0/35) BARR_P2 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 Flown: 0% (0/15) Green: 0% (0/15) Yellow: 0% (0/15)	Flown:	0% (0)/35)													_				
Red: 0% (0/35) BARR_P2 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 Flown: 0% (0/15) Green: 0% (0/15)	Green:	0% (()/35)																	
BARR_P2 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 Flown: 0% (0/15) Green: 0% (0/15) (0/15) (0/15) (0/15)	Yellow	: 0% (0/35)																	
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 Flown: 0% (0/15) Green: 0% (0/15) (ellow: 0% (0/15)	Red: (0% (0/3	35)																	
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 Flown: 0% (0/15) Green: 0% (0/15) (ellow: 0% (0/15)																				
Flown: 0% (0/15) Green: 0% (0/15) Yellow: 0% (0/15)	BARR	_P2																		
Green: 0% (0/15) /ellow: 0% (0/15)	36	3	7	38	39	4	0	41	42	4	3	44	45	4	6	47	48	4	9	50
/ellow: 0% (0/15)	Flown:	0% (0)/15)																	
	Green:	0% (0)/15)																	
Red: 0% (0/15)	Yellow	: 0% (0/15)																	
	Red: ()% (0/1	L5)																	

N18A	N18A																		
										1									
Flown: 0% (0/1)																			
Green: 0% (0/1)																			
Yellow	Yellow: 0% (0/1)																		
Red: (Red: 0% (0/1)																		
TOOL																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48												<u>.</u>
EL	00/ 10	(40)																	

Flown: 0% (0/48) Green: 0% (0/48) Yellow: 0% (0/48) Red: 0% (0/48)

Weather Forecast

Prudhoe Bay, AK (TOOL)

Fri 7/5	Sat 7/6	Sun 7/7	Mon 7/8	Tue 7/9	Wed 7/10	Thu 7/11	Fri 7/12	Sat 7/13
54° 38° F	51° 45° F	55° 39° F	49° 36° F	48° 37° F	50° I 40° F	53° I 40° F	52° 41° F	50° 40° F
Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy	Mostly Sunny	Partly Cloudy
🔵 0 in	🔵 0 in	🔵 0 in	🔵 0 in	🔵 0 in	🕖 0 in	🔵 0 in	🔵 0 in	🟉 0 in
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~					~	

Cloud Cover (%) Chance of Precip. (%)

## Utqiagvik, Alaska (BARR)

Fri 7/5	Sat 7/6	Sun 7/7	Mon 7/8	Tue 7/9	Wed 7/10	Thu 7/11	Fri 7/12	Sat 7/13
44°   40° F	59°   43° F	49°   40° F	50°   40° F	51°   43° F	55°   44° F	53°   45° F	52°   43° F	52°   43° F
AM Showers	Mostly Sunny	Mostly Sunny	Partly Cloudy	Partly Cloudy	Partly Cloudy	Mostly Sunny	Partly Cloudy	Mostly Cloudy
🥑 0.01 in	🟉 0 in	🟉 0 in	<b>0</b> in	🟉 0 in	🟉 0 in	🟉 0 in	🟉 0 in	<b>Ø</b> 0 in
							~~~	

Cloud Cover (%) Chance of Precip. (%)

Flight Collection Plan for 05 July 2019

Flyority 1:

Collection Area: Toolik (TOOL)

Flight Plan Name: D18 TOOL C1 P1 v1.pln

On-station Time: 1840 UTC / 1040 L (35deg solar angle)

Flyority 2:

Collection Area: Barrow Environmental Observatory (BARR) - Priority 1 Flight Box

Flight Plan Name: D18_BARR_R1_P1_P2_P3_v4.pln

On-station Time: 1930 UTC / 1130 L (35deg solar angle)

Flyority 3:

Collection Area: Barrow Environmental Observatory (BARR) - Priority 2 Flight Box Flight Plan Name: D18 BARR R1 P1 P2 P3 v4.pln On-station time: 1930 UTC / 1130 L (35deg solar angle)

Flyority 4

Collection Area: Barrow Environmental Observatory (BARR) - Priority 3 Flight Box Flight Plan Name: D18_BARR_R1_P1_P2_P3_v4.pln On-station time: 1930 UTC / 1130 L (35deg solar angle)

Flyority 5

Collection Area: Barrow Environmental Observatory (BARR) - Priority 1 Flight Box – 750m AGL Initial Collect Flight Plan Name: D18_BARR_R1_P1_v3b_760m_AGL.pln (use only if cloud heights do not permit flights at 1000m AG) On-station time: 1930 UTC / 1130 L (35deg solar angle)

Flyority 6

Collection Area: Nominal Runway - D18 Flight Plan Name: D18 N18A Nominal Runway Test v1.pln On-station time: n/a Crew: Ivana Vu (Lidar), Cameron Chapman (NIS)

Flight Collection Plan for 06 July 2019

Flyority 1-6: Same as previously briefed Crew: Cameron Chapman (Lidar), Ivana Vu (NIS)